

## CLAIMS:

### 1. Targa roof system for a vehicle including:

a roof part (10) for spanning a compartment between a cross member (4), including the upper side of a windshield, and a traverse cross beam (8), which transversely spans a vehicle inner compartment and is spaced from the cross member (4), two guide rails (24) extending from the roof to the vehicle floor, each being disposable on a side of the vehicle in the area underneath the traverse cross beam (8), and a guide device (20, 22) disposed on each side of the roof part (10) in the rear area of the roof part (10), the guide device facilitates an upward pivoting of the roof part about its rear area and subsequently lowering into the vehicle inner compartment by sliding of the guide elements along the guide rails, characterized in that:

each guide device includes two guide elements (20, 22) fixedly attached in the rear area of the roof part (10), the guide elements being spaced from each other in the longitudinal direction of the roof part, so that the roof part is pivotable at each of the two guide elements (20, 22), which oppose each other with reference to the vehicle width, from its closed position and subsequently is lowerable downwardly guided along the guide rails (24) into a stowed position by the forward guide element (20) and the rear guide element (22) without pivoting relative to the guide rails.

### 2. Targa roof system according to claim 1, characterized in that:

the forward guide elements (20) are pivotably borne at an axis (34) on lateral longitudinal cross beams, which are affixed to the vehicle, for pivoting the roof part (10), so that when the roof part (10) is upwardly pivoted, the rear guide elements (22) move downwardly in the guide rails (24) by pivoting of the guide rails (24) about its linkage (20) [*sic*, 28] in the floor area of the vehicle.

### 3. Targa roof system according to claim 2, characterized in that:

rail pieces (32) are pivotably borne at the axis (34) on the side cross beams, the forward guide elements (20) being slidably and latchable held on the rail pieces.

### 4. Targa roof system according to claim 3, characterized in that the guide pieces (32) come into an aligned abutment state with the guide rails (24) when the roof part (10) is fully upwardly titled, so that the guide elements (20) are movable away from the guide pieces (32) and into the guide rails (24).

5. Targa roof system according to one of claims 1 to 4, characterized in that:  
the guide rails (24) are pivotable together with the roof part (10) into an abutment position  
when the roof part (10) has been lowered into the stowed position.
6. Targa roof system according to one of claims 1 to 5, characterized in that:  
the roof part (10) is transparent in a forward area (14).
7. Vehicle characterized in that it includes a roof system according to one of claims 1 to 6.
8. Vehicle according to claim 7, characterized in that:  
traverse cross beams (12) are removable on both sides of the roof part (10) after opening of  
the roof part (10).